



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chen et al.

Attorney Docket No. BOEI-1-1037

Serial No.: 10/019,459

Group Art Unit: 3661

Filing Date: December 26, 2001

Examiner: SWARTHOUT, BRENT

Title: VERTICAL SITUATION DISPLAY TERRAIN/WAYPOINT SWATH, RANGE  
TO TARGET SPEED, AND BLENDED AIRPLANE REFERENCE

7/10  
H. H. H.  
6-11-03

AMENDMENT AND RESPONSE

TO THE COMMISSIONER OF PATENTS:

In the Claims:

sub. A  
1. (Currently Amended) A flight information display for ~~the~~ a flight deck of an aircraft, ~~the display~~ showing a side view of ~~the~~ a flight path or the area directly in front of the aircraft area having a selected distance of at least 0.5 nautical miles, the aircraft having means for determining the aircraft's location, the location determining means having a minimum accuracy, the display comprising:

(a) a pictorial representation to scale of ~~the~~ a profile of the highest elevations of a swath of terrain along said ~~the~~ path area, a width of the swath being at least 0.1 nautical miles and no greater than a distance of the minimum accuracy of the location determining means;

(b) an icon representing the aircraft, the icon being positioned on the a left or right side of the display ~~representing the aircraft~~, the altitude of which is to scale with the height of the terrain; and

(c) an altitude reference scale;

wherein the width of the swath is at least 0.1 nautical miles and no greater than the distance of the minimum accuracy of the means for determining the aircraft's location.

2. (Cancelled)

3. (Cancelled)

RECEIVED  
MAY 29 2003  
GROUP 3600



25315

PATENT TRADEMARK OFFICE

BLACK LOWE & GRAHAM<sup>PLLC</sup>

816 Second Avenue  
Seattle, Washington 98104  
206 291 2200 • F. 206 291 2201